

# **APPLICATION FOR PERMIT TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA**

Date of filing in State Engineer's Office..... AUG 24 1994

Returned to applicant for correction.....

Corrected application filed.....

Map filed..... JAN 21 1988 Under 48740

The applicant..... INTERMOUNTAIN LAND CO.

2440 Holcomb Lane, of..... Reno,  
Street and No. or P.O. Box No. City or Town

Nevada 89511, hereby make.... application for permission to appropriate the public  
State and Zip Code No.

waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorporation; if a  
 copartnership or association, give names of members.)..... Robert W. Marshall doing business as

(dba) Intermountain Land Co.

1. The source of the proposed appropriation is..... Underground  
Name of stream, lake, spring, underground or other source

2. The amount of water applied for is..... 6 cfs.....second-feet  
One second-foot equals 448.83 gals. per min.

(a) If stored in reservoir give number of acre-feet.....

3. The water to be used for..... Industrial (Bio Energy Cascade)  
Irrigation, power, mining, manufacturing, domestic, or other use. Must limit to one use.

4. If use is for:

(a) Irrigation, state number of acres to be irrigated.....

(b) Stockwater, state number and kinds of animals to be watered.....

(c) Other use (describe fully under No. 12. "Remarks").....

(d) Power:

(1) Horsepower developed.....

(2) Point of return of water to stream.....

5. The water is to be diverted from its source at the following point..... NE 1/4 NE 1/4 Section 22, T23N, R20E,  
Describe as being within a 40-acre subdivision of public

MDM or at a point from which the North 1/4 corner of said Section 22 bears,  
survey, and by course and distance to a section corner. If on unsurveyed land, it should be so stated.

N 85° 30' W a distance of 1,490.00 feet

6. Place of use..... NE 1/4, NE 1/4 NW 1/4, SE 1/4 NW 1/4, Section 22, T23N, R20E, MDM  
Describe by legal subdivision. If on unsurveyed land, it should be so stated.

7. Use will begin about..... January 1..... and end about..... December 31....., of each year.  
Month and Day Month and Day

8. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and  
 specifications of your diversion or storage works.)..... Drill a geothermal well, install pump, motor  
State manner in which water is to be diverted, i.e. diversion structure, ditches and  
and piping to greenhouse, fish production and algae system  
flumes, drilled well with pump and motor, etc.

9. Estimated cost of works.....\$500,000

10. Estimated time required to construct works.....Two Years  
If well completed, describe works.

11. Estimated time required to complete the application of water to beneficial use.....Ten Years

12. Remarks: For use other than irrigation or stock watering, state number and type of units to be served or annual consumptive use:

This is an application for a geothermal well with a withdrawal of approximately 7,260 acre feet per year - combined with another application the actual consumption will be approximately 1,089 acre feet with the remaining water returned to the reservoir. This geothermal resource will be used as a High Tech Nutritional and Tissue Development System. The supporting map for this application is on file in the State Engineer's Office under No. 48740.

By: Richard W. Arden Agent  
950 Industrial Way  
Sparks, NV 89431

Compared. bc/bc cl/

Protested

### DENIAL OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby ~~grant~~<sup>deny</sup> the same, subject to the following limitations and conditions:

This application is hereby denied on the grounds that the applicant has no beneficial use for the waters applied for and to hold the application in abeyance threatens to prove detrimental to the public interest.

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, and not to exceed.....cubic feet per second.

Work must be prosecuted with reasonable diligence and be completed on or before.....

Proof of completion of work shall be filed before.....

Application of water to beneficial use shall be filed on or before.....

Proof of the application of water to beneficial use shall be filed on or before.....

Map in support of proof of beneficial use shall be filed on or before.....

Completion of work filed.....

Proof of beneficial use filed.....

Cultural map filed.....

Certificate No. .... Issued.....

IN TESTIMONY WHEREOF, I, R. MICHAEL TURNIPSEED, PE.  
State Engineer of Nevada, have hereunto set my hand and the seal of my  
office, this 23rd day of March

A.D. 1999

*Richard W. Arden*  
State Engineer